

Abstract

5 Intermediate frequency planning in radio frequency transmitters and receivers

10 A method of intermediate frequency (i.f.) planning for radio transmitters and receivers involves predicting which i.f. or i.f. range will result in spurious emissions to or response from one or more “avoidance bands” being sources of unwanted signals or frequency bands closed to transmission, whereby to choose an i.f. or i.f. band which minimises such i.f. bands. The method may be carried out by computer software which may be embedded in a transmitter/receiver having means for varying its i.f.

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(Fig. 9)